

=> D HIS

(FILE 'USPAT' ENTERED AT 14:16:26 ON 19 FEB 96)

E FETOPROTEIN

L1 440 S E2-E9  
L2 490 S ?FETOPROTEIN?  
L3 508 S L1 OR L2  
L4 11090 S PROLIFERAT####  
L5 10 S L3(P)L4  
L6 3842 S MARROW#  
L7 42 S L6 AND L3  
L8 0 S L6(P)L3

=> S 5032508/PN

L9 1 5032508/PN

=> S L9 AND L3

L10 1 L9 AND L3

=> D KWIC L10

US PAT NO: \*\*5,032,508\*\* [IMAGE AVAILABLE]

L10: 1 of 1

DETDESC:

(FILE 'HOME' ENTERED AT 16:22:08 ON 19 FEB 96)

FILE 'MEDLINE' ENTERED AT 16:22:25 ON 19 FEB 96

L1 6309 S FETOPROTEIN  
L2 88965 S MARROW  
L3 32 S L1(P)L2

FILE 'MEDLINE, SCISEARCH, EMBASE, BIOSIS, CAPLUS, BIOTECHDS,  
DISSABS, CONFSCI, LIFESCI' ENTERED AT 16:31:07 ON 19 FEB 96

L4 6309 FILE MEDLINE  
L5 5125 FILE SCISEARCH  
L6 7947 FILE EMBASE  
L7 6678 FILE BIOSIS  
L8 4176 FILE CAPLUS  
L9 100 FILE BIOTECHDS  
L10 91 FILE DISSABS  
L11 219 FILE CONFSCI  
L12 697 FILE LIFESCI

TOTAL FOR ALL FILES

L13 31342 S FETOPROTEIN  
L14 88965 FILE MEDLINE  
L15 48783 FILE SCISEARCH  
L16 77926 FILE EMBASE  
L17 89749 FILE BIOSIS  
L18 27914 FILE CAPLUS  
L19 1075 FILE BIOTECHDS  
L20 1242 FILE DISSABS  
L21 2771 FILE CONFSCI  
L22 12911 FILE LIFESCI

TOTAL FOR ALL FILES

L23 351336 S MARROW  
L24 34 FILE MEDLINE  
L25 17 FILE SCISEARCH  
L26 94 FILE EMBASE  
L27 36 FILE BIOSIS  
L28 14 FILE CAPLUS  
L29 0 FILE BIOTECHDS  
L30 1 FILE DISSABS  
L31 0 FILE CONFSCI  
L32 3 FILE LIFESCI

TOTAL FOR ALL FILES

L33 199 S L13 AND L23  
L34 1 FILE MEDLINE  
L35 1 FILE SCISEARCH  
L36 2 FILE EMBASE  
L37 3 FILE BIOSIS  
L38 4 FILE CAPLUS

L39 0 FILE BIOTECHDS  
L40 0 FILE DISSABS  
L41 0 FILE CONFSCI  
L42 0 FILE LIFESCI

TOTAL FOR ALL FILES

L43 11 S L13(10A)L23  
L44 128 DUPLICATE REMOVE L33 (71 DUPLICATES REMOVED)  
L45 0 FILE MEDLINE  
L46 0 FILE SCISEARCH  
L47 0 FILE EMBASE  
L48 0 FILE BIOSIS  
L49 0 FILE CAPLUS  
L50 0 FILE BIOTECHDS  
L51 0 FILE DISSABS  
L52 0 FILE CONFSCI  
L53 0 FILE LIFESCI

TOTAL FOR ALL FILES

L54 0 S L43 NOT L33  
L55 7 DUPLICATE REMOVE L43 (4 DUPLICATES REMOVED)

=>

L44 ANSWER 62 OF 128 MEDLINE DUPLICATE 18  
AN 89089797 MEDLINE  
TI Regulation of constitutive and lymphokine-induced Ia expression by  
murine alpha- \*\*\*fetoprotein\*\*\* .  
AU Crainie M; Semeluk A; Lee K C; Wegmann T  
CS Department of Immunology, University of Alberta, Edmonton, Canada..  
SO CELLULAR IMMUNOLOGY, (1989 Jan) 118 (1) 41-52.  
Journal code: CQ9. ISSN: 0008-8749.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Cancer Journals  
EM 8904

=> D L44 AB 62

L44 ANSWER 62 OF 128 MEDLINE DUPLICATE 18  
AB alpha- \*\*\*Fetoprotein\*\*\* (AFP) has been shown to suppress a  
variety of immune responses in vitro. The immunosuppressive  
properties of AFP can be partly attributed to the ability of this  
protein to decrease the cell surface expression of Ia antigens on  
macrophages. The experiments described in this report define more  
precisely the regulatory effects of AFP on Ia expression. Using the  
"dendritic-like" cell line P388 AD2 and bone \*\*\*marrow\*\*\*  
-derived macrophages we have shown that AFP can suppress the  
constitutive expression of cell surface Ia antigens. This decrease  
is detectable on the cell surface 24 hr after the addition of AFP.  
In further experiments we also examined the effect of AFP on  
lymphokine-induced Ia expression. Our results show that AFP has no  
suppressive influence on the inductive phase of lymphokine-induced  
Ia antigen expression but can decrease elevated levels of Ia antigen  
subsequent to their induction.